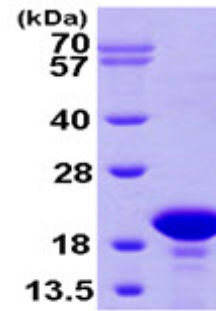


AR09713PU-L**Human PFDN2 (1-154, His-tag) - Purified**

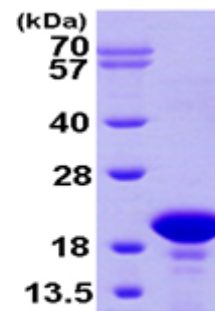
Alternate names:	HSPC231, PFD2, Prefoldin subunit 2
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	PFDN2 (Prefoldin subunit 2) is a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. This protein binds specifically to cytosolic chaperonin (c-CPN) and transfers target proteins to it. And binds to nascent polypeptide chain and promotes folding in an environment in which there are many competing pathways for nonnative proteins.
Uniprot ID:	Q9UHV9
NCBI:	NP_036526
GeneID:	5202
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl
Description:	Recombinant human PFDN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MAENSGRAGK SSGSGAGKGA VSAEQVIAGF NRLRQEQRGL ASKAAELEME LNEHSLVIDT LKEVDETRKC YRMVGGVLVE RTVKEVLPAL ENNKEQIQKI IETLTQQLQA KGKELNEFRE KHNIRLMGED EKPAAKENSE GAGAKASSAG VLVS Molecular weight: 18.8 kDa (174aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Grebenová D., et al. (2006) Blood Cells Mol. Dis. 37(3):210-7.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human PFDN2, 1-154aa, His-tagged



15% SDS-PAGE (3ug)